

What is claimed is:

1. A vehicle door comprising an outer panel provided on an outer side of a vehicle, an inner panel provided on an inner side of the vehicle and connected to the outer panel, the inner panel having a shape of a frame with an outer peripheral portion and an opening formed therein, and a reinforcing member having a T-shape or a substantially T-shape, at least a first extending portion extending in a right and left direction between right and left marginal portions of the inner panel and having end portions in a longitudinal direction joined to the right and left marginal portions of said inner panel respectively and a second extending portion extending downward from a central or substantially central part of the first extending portion and having a lower end portion joined to a lower marginal portion of the inner panel.

2. The vehicle door according to Claim 1, wherein ribs having a rising amount toward the outer side of the vehicle are formed in a lower part of the first extending portion and right and left side parts of the second extending portion and the rib in the lower part of the first extending portion and the rib in the left side part of the second extending portion are continuously formed and the rib in the lower part of the first extending portion and the rib in the right side part of the second extending portion are continuously formed.

3. A vehicle door comprising an outer panel provided on an outer side of a vehicle, an inner panel provided on an inner side of the vehicle and connected to the outer panel, the inner panel having a shape of a frame with an outer peripheral portion and an opening

formed therein, a modular reinforcing member having at least a first extending portion extending in a right and left direction between right and left marginal portions of the inner panel and a second extending portion extending downward from a central or substantially central part of the first extending portion and door parts which are attached in advance to the modular reinforcing member before the modular reinforcing member is attached to the inner panel.

4. A vehicle door comprising an outer panel provided on an outer side of a vehicle, an inner panel provided on an inner side of the vehicle and connected to the outer panel, the inner panel having a shape of a frame with an outer peripheral portion and an opening formed therein, a reinforcing member having a T-shape or a substantially T-shape, at least a first extending portion extending in a right and left direction between right and left marginal portions of the inner panel and having end portions in a longitudinal direction joined to the right and left marginal portions of said inner panel respectively and a second extending portion extending downward from a central or substantially central part of the first extending portion and having a lower end portion joined to a lower marginal portion of the inner panel, a key cylinder and a wiper motor attached to said first extending portion, an outer handle attached to a connecting portion of said first extending portion and said second extending portion and a door lock attached to the second extending portion.

5. A vehicle door comprising an outer panel provided on an outer side of a vehicle, an inner panel provided on an inner side of the vehicle and connected to the outer panel, the inner panel having a shape of a

frame with an outer peripheral portion and an opening formed therein, a reinforcing member having at least a first extending portion extending in a right and left direction between right and left marginal portions of the inner panel and a second extending portion extending downward from a central or substantially central part of the first extending portion, an outer handle attached to the reinforcing member via a bracket and a license lamp attached to the bracket.

6. A vehicle door comprising an outer panel provided on an outer side of a vehicle, an inner panel provided on an inner side of the vehicle and connected to the outer panel, the inner panel having a shape of a frame with an outer peripheral portion and an opening formed therein, and a reinforcing member having at least a first extending portion extending in a right and left direction between right and left marginal portions of the inner panel and having end portions joined to right and left marginal portions of the inner panel at locations which are parallel or substantially parallel to the opening/closing direction of the door and a second extending portion extending downward from a central or substantially central part of the first extending portion.

7. The vehicle door of Claim 6, wherein the locations of the inner panel which are parallel to the opening/closing direction of the door are rising portions which are formed on the inner panel to secure a door thickness.

8. A method of manufacturing a vehicle door comprising the steps of:

providing an outer panel, an inner panel having a shape of a frame with an outer peripheral portion and an opening formed therein and a reinforcing member having at least a first extending portion extending in a right and left direction and a second extending portion extending downward from a central or substantially central part of the first extending portion;

joining end portions of the first extending portion to right and left marginal portions of the inner frame respectively;

connecting the outer panel, inner panel and reinforcing member to each other;

painting the outer panel, inner panel and reinforcing member after they are connected to each other; and

attaching door parts to the reinforcing member and/or inner panel.

9. The manufacturing method according to Claim 8, wherein the vehicle door is a tailgate.

10. A method of manufacturing a vehicle door comprising the steps of:

providing an outer panel, an inner panel having a shape of a frame with an outer peripheral portion and an opening formed therein and a reinforcing member having at least a first extending portion extending in a right and left direction and a second extending portion extending downward from a central or substantially central part of the first extending portion;

connecting the outer and inner panels to each other;

painting the connected outer and inner panels;  
attaching door parts to the reinforcing member;  
and

attaching the reinforcing member to the inner panel.

11. The manufacturing method according to Claim 10, wherein the vehicle door is a tailgate.